The below listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

(Currently amended) Deforming apparatus for forming a curve in <u>a</u> deformable material strip, the apparatus comprising:

a first member comprising a first member body and a first deforming portion, the first deforming portion extending in a first direction <u>between and having a first deforming</u> and a second deforming end; and

a second member comprising a second member body and a second deforming portion; wherein

the first and second members are arranged to receive a deformable material strip between them in a second direction along the length of the deformable material strip and transverse to the first direction;

the first and second members are movable relatively towards each other to a first relative position to deform the deformable material strip, in the first direction, with the first and second deforming portions;

the first and second members are movable relatively away from each other to a second relative position; and when the first and second members are in the first relative position, the first deforming end of the first deforming portion is closer to the second deforming portion than the second deforming end of the first deforming portion is to the second deforming portion such that the deformable material strip is being curved in a first plane defined by substantially perpendicular to the first direction and the second direction and without such that a cross sectional shape of the deformable material strip being curved in a second plane orthogonal to the first plane and parallel to the second direction is substantially maintained.

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2. (Original) Deforming apparatus according to claim l, wherein

the second deforming portion has a first opposing portion for opposing the first deforming end of the first deforming portion and a second opposing portion for opposing the second deforming end of the first deforming portion; and

when the first and second members are in the first relative position, the first deforming end of the first deforming portion is closer to the first opposing portion of the second deforming portion than the second deforming end of the first deforming portion is to the second opposing portion of the second deforming portion.

3 (Previously presented) Deforming apparatus according to claim 1, wherein

the first deforming portion has a first deforming surface for contacting the deformable material strip and the second deforming portion has a second deforming surface for contacting the deformable material strip; and

the first and second deforming surfaces are not complementary to each other.

- 4. (Original) Deforming apparatus according to claim 3, wherein the first and second deforming surfaces are tapered relative to each other.
- Original) Deforming apparatus according to claim 3, wherein the first and second deforming surfaces are straight and sloped relative to each other.
- 6 (Original) Deforming apparatus according to claim 3, wherein the first deforming surface is concave and the second deforming surface is convex.
- 7. (Original) Deforming apparatus according to claim 6, wherein the first and second deforming surfaces are curved.
- 8. (Original) Deforming apparatus according to claim 1, wherein the first deforming portion is fixedly mounted within the first member.

- 9. (Original) Deforming apparatus according to claim 8, wherein the first deforming portion is removably mounted within the first member.
- (Original) Deforming apparatus according to claim 1, wherein the second deforming portion is fixedly provided within the second member.
- (Original) Deforming apparatus according to claim 1, wherein the second deforming portion has a first deforming end and a second deforming end and at least one of the first and second deforming portions is planar between its first and second deforming ends.
- (Original) Deforming apparatus according to claim 1, wherein the second deforming portion has a first end and a second end and at least one of the first and second deforming portions is concave between its first and second ends.
- (Previously presented) Deforming apparatus according to claim 1, wherein the first member further comprises a first clamping portion;

the second member further comprises a second clamping portion;

the first and second members are movable relatively towards each other to the first relative position for clamping the deformable material strip between the first and second clamping portions; and

the first and second members are movable relatively away from each other to the second relative position for releasing the deformable material strip.

- (Original) Deforming apparatus according to claim 13, wherein the first clamping portion is movable relative to the first member body and the first deforming portion between a first relative clamp position and a second relative clamp position.
- 15 (Original) Deforming apparatus according to claim 14, wherein

when the first and second members are in the first relative position and the first clamping portion, the first member body and the first deforming portion are in the first

relative clamp position, the first clamping portion is closer to the second clamping portion than the first deforming portion is to the second deforming portion; and

when the first and second members are in the first relative position and the first clamping portion, the first member body and the first deforming portion are in the second relative clamp position, the first clamping portion is further from the second clamping portion than the first deforming portion is from the second deforming portion.

- (Original) Deforming apparatus according to claim 13, wherein the first and second 16. clamping portions have first and second clamping surfaces, respectively, the first and second clamping surfaces being complementary to each other.
- (Original) Deforming apparatus according to claim 16, wherein the first and second 17. clamping surfaces are straight.
- (Original) Deforming apparatus according to claim 16, wherein the first clamping 18. surface is concave and the second clamping surface is convex.
- (Original) Deforming apparatus according to claim 18, wherein the first and second 19 clamping surfaces are curved.
- (Original) Deforming apparatus according to claim 13, wherein the first clamping 20. portion comprises a first clamping member resiliency mounted within the first member.
- (Original) Deforming apparatus according to claim 20, wherein the first clamping 21. member is mounted on one or more compression springs within the first member.
- (Original) Deforming apparatus according to claim 13, wherein the second clamping 22. portion is fixedly provided within the second member.

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23. (Original) Deforming apparatus according to claim 13, wherein the first clamping

portion and first deforming portion abut each other.

24 (Original) Deforming apparatus according to claim 13, wherein the second clamping

portion and second deforming portion abut each other.

25. (Original) Deforming apparatus according to claim 13, wherein the second clamping

portion and second deforming portion comprise portions of an integral clamp and anvil

member.

26. (Original) Deforming apparatus according to claim 13, further comprising first guide

means adjacent to at least one of the first and second clamping portions, protruding

beyond that clamping portion in the direction of the other clamping portion.

27. (Original) Deforming apparatus according to claim 1, further comprising second guide

means adjacent to at least one of the first and second deforming portions, protruding

beyond that deforming portion in the direction of the other deforming portion.

28. (Original) Deforming apparatus according to claim 13, wherein the outer surface of the

second clamping portion runs smoothly into the outer surface of the second deforming

portion.

29 (Previously presented) Deforming apparatus according to claim 1, further comprising a

forwarding device for forwarding a deformable material strip into between the first and

second members, in a stepwise manner.

30. (Previously presented) Deforming apparatus according to claim 1, wherein the

deformable material strip is a metal member.

- 31 (Previously presented) Deforming apparatus according to claim 1, further comprising:
 - a third member comprising a third member body and a third deforming portion, the third deforming portion extending in a third direction and having a first deforming end and a second deforming end; and
 - a fourth member comprising a fourth member body and a fourth deforming portion; wherein

the third and fourth members are arranged to receive portions of the deformable material strip between them in a fourth direction, transverse to the third direction, after the portions of the deformable material strip have been deformed by the first and second deforming portions;

the third and fourth members are movable relatively towards each other to a third relative position to deform the deformable material strip further, in the third direction, with the third and fourth deforming portions;

the third and fourth members are movable relatively away from each other to a fourth relative position; and

when the third and fourth members are in the third relative position, the first deforming end of the third deforming portion is closer to the fourth deforming portion than the second deforming end of the third deforming portion is to the fourth deforming portion.

- 32. (Currently amended) A method of deforming a deformable material strip having a width between two edges, the method comprising:
 - (a) positioning a first portion of the deformable material strip in a deforming position between two deforming members, the two deforming members being movable relatively towards each other to a first relative position to deform the deformable material strip and being movable relatively away from each other to a second relative position;
 - (b) deforming the portion of the deformable material strip at said deforming position along a first direction across the width of the deformable material strip by moving the two deforming members to the first relative position;

(c) moving the two deforming members to the second relative position and forwarding the portion of the deformable material strip at said deforming position out from the deforming position in a second direction, after the deforming; and

repeating the series of deforming and forwarding a plurality of times;

wherein during the deforming, one of the two edges of the deformable material strip is compressed more than the other of the two edges of the deformable material strip such that the deformable material strip is curved in a <u>first plane defined by the first and second directions substantially perpendicular to the first direction and without curving such that a cross sectional shape of the deformable material strip in a second plane orthogonal to the first plane and parallel to the second direction substantially maintained.</u>

- 33. (Previously presented) A method according to claim 32, wherein
 - (a) further comprises positioning a second portion of the deformable material strip in a clamping position between two clamping members; and the method further comprises:

clamping the portion of the deformable material strip at said clamping position before the deforming; and

unclamping the portion of the deformable material strip at said clamping position after the deforming;

(b) further comprises forwarding the portion of the deformable material strip at said clamping position to the deforming position, and a portion of the deformable material strip adjacent to the portion of the deformable material strip at said clamping position to the clamping position, after the unclamping; and the method further comprises

repeating the clamping and unclamping a plurality of times, such that the series of clamping, deforming, unclamping and forwarding is repeated a plurality of times

34. (Previously presented) A method according to claim 32, wherein the difference in compression between the two edges of the deformable material strip is linear across its width.

35. (Previously presented) A method according to claim 32, wherein the difference in

compression between the two edges of the deformable material strip is non-linear across

its width.

36. (Previously presented) A method according to claim 32, wherein the deforming deforms

the portion of the deformable material strip at said deforming position into a fan shape.

37. (Previously presented) A method according to claim 32, wherein the deformable material

strip is flat and extends in a first plane prior to deformation.

38. (Previously presented) A method according to claim 37, wherein consecutive deformed

portions of the deformable material strip forwarded out from the deforming position form

a curve in the deformable material strip in at least the first plane.

- 39. (Canceled)
- (Original) A method according to claim 33, wherein the deforming occurs during the 40.

clamping.

(Previously presented) A method according to claim 33, wherein the first and second 41.

portions of the deformable material strip are distinct from each other.

42. (Previously presented) A method according to claim 32, wherein the deformable material

strip is a metal member.

(Previously presented) A method according to claim 32, further comprising: 43.

positioning the deformed first portion of the deformable material strip in a second deforming position between two further deforming members after the first portion has been forwarded from the first deforming position;

further deforming the first portion of the deformable material strip at said second deforming position across the width of the deformable material strip;

forwarding the further deformed first portion of the deformable material strip at said second deforming position out from the second deforming position, after the further deforming; and

repeating the series of further deforming and forwarding the further deformed first portion a plurality of times;

wherein during the further deforming, one of the two edges of the deformable material strip is compressed more than the other of the two edges of the deformable material strip.

(Previously presented) Deforming apparatus for forming a curve in deformable material 44. strip, the apparatus comprising:

a first member comprising a first member body and a first deforming portion, the first deforming portion extending in a first direction and having a first deforming end and a second deforming end; and

a second member comprising a second member body and a second deforming portion; wherein

the first and second members are arranged to receive a deformable material strip between them in a second direction along the length of the deformable material strip and transverse to the first direction;

the first and second members are movable relatively towards each other to a first relative position to deform the deformable material strip, in the first direction, with the first and second deforming portions;

the first and second members are movable relatively away from each other to a second relative position; and when the first and second members are in the first relative position, the first deforming end of the first deforming portion is closer to the second deforming portion than the second deforming end of the first deforming portion is to the second deforming portion such that the deformable material strip is curved in a plane

17 (899 01/2060 02200 10 substantially perpendicular to the first direction and such that a cross-sectional shape of the deformable material strip is substantially maintained;

wherein

the first member further comprises a first clamping portion;

the second member further comprises a second clamping portion;

the first and second members are movable relatively towards each other to the first relative position for clamping the deformable material strip between the first and second clamping portions; and

the first and second members are movable relatively away from each other to the second relative position for releasing the deformable material.

(Previously presented) Deforming apparatus for forming a curve in deformable material 45 strip, the apparatus comprising:

a first member comprising a first member body and a first deforming portion, the first deforming portion extending in a first direction and having a first deforming end and a second deforming end; and

a second member comprising a second member body and a second deforming portion; wherein

the first and second members are arranged to receive a deformable material strip between them in a second direction along the length of the deformable material strip and transverse to the first direction;

the first and second members are movable relatively towards each other to a first relative position to deform the deformable material strip, in the first direction, with the first and second deforming portions;

the first and second members are movable relatively away from each other to a second relative position; and when the first and second members are in the first relative position, the first deforming end of the first deforming portion is closer to the second deforming portion than the second deforming end of the first deforming portion is to the second deforming portion such that the deformable material strip is curved in a plane

substantially perpendicular to the first direction and such that a cross-sectional shape of the deformable material strip is substantially maintained; and

further comprising a forwarding device for forwarding a deformable material strip into between the first and second members, in a stepwise manner.

(Previously presented) Deforming apparatus for forming a curve in deformable material 46 strip, the apparatus comprising:

a first member comprising a first member body and a first deforming portion, the first deforming portion extending in a first direction and having a first deforming end and a second deforming end; and

a second member comprising a second member body and a second deforming portion; wherein

the first and second members are arranged to receive a deformable material strip between them in a second direction along the length of the deformable material strip and transverse to the first direction;

the first and second members are movable relatively towards each other to a first relative position to deform the deformable material strip, in the first direction, with the first and second deforming portions;

the first and second members are movable relatively away from each other to a second relative position; and when the first and second members are in the first relative position, the first deforming end of the first deforming portion is closer to the second deforming portion than the second deforming end of the first deforming portion is to the second deforming portion such that the deformable material strip is curved in a plane substantially perpendicular to the first direction and such that a cross-sectional shape of the deformable material strip is substantially maintained; and

further comprising:

a third member comprising a third member body and a third deforming portion. the third deforming portion extending in a third direction and having a first deforming end and a second deforming end; and

a fourth member comprising a fourth member body and a fourth deforming portion; wherein

the third and fourth members are arranged to receive portions of the deformable material strip between them in a fourth direction, transverse to the third direction, after the portions of the deformable material strip have been deformed by the first and second deforming

portions;

the third and fourth members are movable relatively towards each other to a third relative position to deform the deformable material strip further, in the third direction, with the third and fourth deforming portions;

the third and fourth members are movable relatively away from each other to a fourth relative position; and

when the third and fourth members are in the third relative position, the first deforming end of the third deforming portion is closer to the fourth deforming portion than the second deforming end of the third deforming portion is to the fourth deforming portion.

- (Currently amended) A method of deforming a deformable material strip having a width 47. between two edges, the method comprising:
 - (a) positioning a first portion of the deformable material strip in a deforming position between two deforming members, the two deforming members being movable relative towards each other to first relative position to deform a deformable material strip and being movable relatively away from each other to a second relative position;
 - (b) deforming the portion of the deformable material strip at said deforming position along a first direction across the width of the deformable material strip;
 - (c) moving the two deforming members to the second relative position and forwarding the portion of the deformable material strip at said deforming position out from the deforming position, after the deforming; and

repeating the series of deforming and forwarding a plurality of times;

wherein during the deforming, one of the two edges of the deformable material strip is compressed more than the other of the two edges of the deformable material strip such that the deformable material strip is curved in a plane substantially perpendicular to the first direction and such that a cross-sectional shape of the deformable material strip is substantially maintained;

wherein the difference in compression between the two edges of the deformable material strip is non-linear across its width

- 48 (Previously presented) A method of deforming a deformable material strip having a width between two edges, the method comprising:
 - (a) positioning a first portion of the deformable material strip in a deforming position between two deforming members;
 - (b) deforming the portion of the deformable material strip at said deforming position along a first direction across the width of the deformable material strip;
 - (c) forwarding the portion of the deformable material strip at said deforming position out from the deforming position, after the deforming; and repeating the series of deforming and forwarding a plurality of times;

wherein during the deforming, one of the two edges of the deformable material strip is compressed more than the other of the two edges of the deformable material strip such that the deformable material strip is curved in a plane substantially perpendicular to the first direction and such that a cross-sectional shape of the deformable material strip is substantially maintained.

the method further comprising:

positioning the deformed first portion of the deformable material strip in a second deforming position between two further deforming members after the first portion has been forwarded from the first deforming position;

further deforming the first portion of the deformable material strip at said second deforming position across the width of the deformable material strip;

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forwarding the further deformed first portion of the deformable material strip at said second deforming position out from the second deforming position, after the further deforming; and

repeating the series of further deforming and forwarding the further deformed first portion a plurality of times;

wherein during the further deforming, one of the two edges of the deformable material strip is compressed more than the other of the two edges of the deformable material strip.